

Title (en)
THIOPHENE DERIVATIVES AS XANTHINE OXIDASE INHIBITORS AND APPLICATION THEREOF

Title (de)
THIOPHENDERIVATE ALS XANTHINOXIDASE-INHIBITOREN UND IHRE VERWENDUNG

Title (fr)
DÉRIVÉS DE THIOPHÈNE EN TANT QU'INHIBITEURS DE XANTHINE OXYDASE ET LEUR APPLICATION

Publication
EP 4053114 A1 20220907 (EN)

Application
EP 20883025 A 20201030

Priority
• CN 201911049951 A 20191030
• CN 202010110482 A 20200221
• CN 2020125191 W 20201030

Abstract (en)
A class of xanthine oxidase (XO) inhibitors, and application thereof in the preparation of drugs for treating XO-related diseases. Specifically disclosed is a compound represented by formula (I) and a pharmaceutically acceptable salt thereof.

IPC 8 full level
C07D 333/70 (2006.01); **A61K 31/381** (2006.01); **A61P 19/06** (2006.01); **C07D 307/82** (2006.01); **C07D 307/84** (2006.01);
C07D 333/62 (2006.01); **C07D 409/04** (2006.01); **C07D 495/04** (2006.01)

CPC (source: EP US)
A61K 31/381 (2013.01 - EP); **A61P 19/06** (2018.01 - EP US); **C07D 333/70** (2013.01 - EP US); **C07D 495/04** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4053114 A1 20220907; EP 4053114 A4 20231025; AU 2020374919 A1 20220421; AU 2020374919 B2 20240222;
AU 2020374919 B9 20240229; BR 112022007543 A2 20220712; CN 114555578 A 20220527; CN 114555578 B 20240326;
JP 2022553682 A 20221226; JP 7362916 B2 20231017; MX 2022004713 A 20220511; US 2023322703 A1 20231012;
WO 2021083319 A1 20210506

DOCDB simple family (application)
EP 20883025 A 20201030; AU 2020374919 A 20201030; BR 112022007543 A 20201030; CN 2020125191 W 20201030;
CN 202080072431 A 20201030; JP 2022523155 A 20201030; MX 2022004713 A 20201030; US 202017766435 A 20201030